From: McCue, Monte W <monte.mccue@evoqua.com>

Sent: Wednesday, October 22, 2014 10:05 AM

To:Zabaneh, MahfouzCc:Provins, James RSubject:Draft Hopper Design

Attachments: 2408160 Stamped Calcs, Hopper H1, Evoqua, Parker AZ (10-3-14).pdf

This is the first draft. We are making some small revisions and I will send you a final for your approval

## **Monte McCue**

**Director of Plant Operations** 

# **Evoqua Water Technologies LLC**

Mailing: P.O. Box 3308

Physical: 2523 Mutahar Street

Parker, AZ 85344

Tel (928) 669-5758 Ext 17 Fax: (928) 669-5775

monte.mccue@evoqua.com

#### www.evoqua.com

From: McCue, Monte W <monte.mccue@evoqua.com>

Sent: Tuesday, October 21, 2014 2:36 PM

To: Wilson, Patrick

Cc: Zabaneh, Mahfouz; Provins, James R

**Subject:** TCE Ambient Air Concentrations Associated with EWT - Parker, AZ **Attachments:** CPF memo addressing TCE per EPA Reg 9 request Oct 2014.pdf

## **Patrick**

The attachment contains a memo from Sarah Foster of CPF Associates regarding questions you had on TCE ambient air concentrations associated with the Evoqua facility in Parker, AZ.

Please let me know if you have any questions regarding the memo or require further information.

Thanks.

## **Monte McCue**

**Director of Plant Operations** 

**Evoqua Water Technologies LLC** 

Mailing: P.O. Box 3308

Physical: 2523 Mutahar Street

Parker, AZ 85344

Tel (928) 669-5758 Ext 17 Fax: (928) 669-5775

monte.mccue@evoqua.com

#### www.evoqua.com

From: McCue, Monte W <monte.mccue@evoqua.com>

Sent: Monday, September 08, 2014 7:24 AM

To: Zabaneh, Mahfouz Cc: Provins, James R

Subject: Regulatory Status of Recycle Tanks

Attachments: Status of Tanks Holding Recycle Water.pdf

## Mike

Hopefully this helps explain the regulatory status of our recycle water tank (T-9). This has been discussed and EPA has concurred several times with our interpretation T-9.

## **Monte McCue**

**Director of Plant Operations** 

# **Evoqua Water Technologies LLC**

Mailing: P.O. Box 3308

Physical: 2523 Mutahar Street

Parker, AZ 85344

Tel (928) 669-5758 Ext 17 Fax: (928) 669-5775

monte.mccue@evoqua.com

#### www.evoqua.com

From: McCue, Monte W <monte.mccue@evoqua.com>

Sent: Friday, September 05, 2014 9:46 AM

To: Zabaneh, Mahfouz Cc: Provins, James R

**Subject:** Revised FF sections per our phone conversation

Attachments: Appendix C - Engineering Calcs - Updated Sept 5 2014.pdf; Appendix XXIII Subpart FF

Compliance Plan Rev9~03-2014.pdf

## **Monte McCue**

**Director of Plant Operations** 

# **Evoqua Water Technologies LLC**

Mailing: P.O. Box 3308

Physical: 2523 Mutahar Street

Parker, AZ 85344

Tel (928) 669-5758 Ext 17 Fax: (928) 669-5775

monte.mccue@evoqua.com

#### www.evoqua.com

From: McCue, Monte W <monte.mccue@evoqua.com>

**Sent:** Friday, August 29, 2014 11:58 AM

To: Zabaneh, Mahfouz Cc: Provins, James R Subject: Documents

Attachments: RE Latest Section J in Word Doc format; FINAL DRAFT 7-18-2014 Evoqua Response -

Request for Information.DOC

## Mike:

Roy told me you requested these. I had sent you the Word Section J earlier which is attached.

Have a good weekend.

## **Monte McCue**

**Director of Plant Operations** 

# **Evoqua Water Technologies LLC**

Mailing: P.O. Box 3308 Physical: 2523 Mutahar Street

Parker, AZ 85344

Tel (928) 669-5758 Ext 17

Fax: (928) 669-5775

monte.mccue@evoqua.com

#### www.evoqua.com

From: McCue, Monte W <monte.mccue@evoqua.com>

Sent: Wednesday, August 27, 2014 10:36 AM

To: Zabaneh, Mahfouz
Cc: Provins, James R
Subject: Answers to Questions

Attachments: App Ag RF-2 Residence.pdf

# Moisture and Oxygen Correction:

Emissions of stack gases are usually expressed on a dry gas basis so that variations in the moisture content of the stack gas do not affect the assessment of the emissions.

Dry Gas Concentration 
$$\left(\frac{mg}{m^3}\right)$$
 = wet gas concentration  $\times \frac{100}{100-\% H_2O}$ 

The instruments used to measure the composition of flue gases (for instance Oxygen) remove water vapor from the gas sample prior to the sample going to the analyzers. Hence they give a dry gas reading

The attachment above includes the calculation of residence time of the furnace. It can be found in Appendix Ag of the Performance Demonstration Test Report.

## **Monte McCue**

**Director of Plant Operations** 

**Evoqua Water Technologies LLC** 

Mailing: P.O. Box 3308

Physical: 2523 Mutahar Street

Parker, AZ 85344

Tel (928) 669-5758 Ext 17

Fax: (928) 669-5775

monte.mccue@evoqua.com

#### www.evoqua.com

From: McCue, Monte W <monte.mccue@evoqua.com>

Sent: Wednesday, August 27, 2014 8:41 AM

To: Zabaneh, Mahfouz

Subject: Article

Attachments: HeK\_2012.pdf

#### Mike

We came across the attached article. I am not certain who Katherine He is, but she has many incorrect assumptions and I am not sure what the motivation is behind the paper.

The most glaring error (and there too many to mention) was the "electric generation footprint" calculation. All our power comes from the Headgate Rock Dam (BIA) which is a hydroelectric generating facility. I will need some help understanding how CO2, NOX and SOX comes from such a facility. As usual, Ms. Scheuermann, who is thanked for her input and help, never has been one to let facts get in the way of her agenda.

Hopefully our tax dollars were not invested in this effort.

## **Monte McCue**

**Director of Plant Operations** 

# **Evoqua Water Technologies LLC**

Mailing: P.O. Box 3308

Physical: 2523 Mutahar Street

Parker, AZ 85344

Tel (928) 669-5758 Ext 17

Fax: (928) 669-5775

monte.mccue@evoqua.com

## www.evoqua.com

From: McCue, Monte W <monte.mccue@evoqua.com>

Sent: Tuesday, August 26, 2014 1:36 PM
To: Zabaneh, Mahfouz; Provins, James R
Subject: RE: Latest Section J in Word Doc format

Attachments: Section J - SWMU-HWMU-AOC Rev3~08-2014.doc

## Mike

I am going to see if I can find someone to revise the drawings rather than mark them up by hand.

## **Monte McCue**

**Director of Plant Operations** 

# **Evoqua Water Technologies LLC**

Tel (928) 669-5758 Ext 17 Fax: (928) 669-5775 monte.mccue@evogua.com

From: Zabaneh, Mahfouz [mailto:Zabaneh.Mahfouz@epa.gov]

**Sent:** Tuesday, August 26, 2014 7:21 AM **To:** McCue, Monte W; Provins, James R **Subject:** Latest Section J in Word Doc format

Hi Monte and Roy,

Please email me the latest Section J in word format.

Thanks,

Mike Zabaneh, P.E.
Environmental Engineer/Project Manager
RCRA Permits Office
Lands Division
US EPA Region 9
Mail Code LND-4-2
75 Hawthorne Street
San Francisco, CA 94105

Email address: zabaneh.mahfouz@epa.gov

From: Zabaneh, Mahfouz

Sent: Friday, August 22, 2014 8:52 AM
To: McCue, Monte W; Provins, James R
Cc: GLASS, GEOFFREY; Gross, Barbara

**Subject:** Call-In # for Conference call with Evoqua at 10 am **Attachments:** Siemens Parker AZ- Minor NSR Registration.pdf

## Hi Monte and Roy,

Geoffrey Glass from the EPA Region 9 Air Division will be joining the conference call at 10 am (for the first ½ hour) to discuss his review of Evoqua's Minor NSR Registration and it's relation to the RCRA Permit. To facilitate this discussion, I have set up the following conference call in number. Thanks,

Dial-In Number: (866) 299-3188 Conference Code: 8433117

Mike Zabaneh, P.E.
Environmental Engineer/Project Manager
RCRA Permits Office
Lands Division
US EPA Region 9
Mail Code LND-4-2
75 Hawthorne Street
San Francisco, CA 94105
Email address: zabaneh.mahfouz@epa.gov
415-972-3348

From: McCue, Monte W <monte.mccue@evoqua.com>

**Sent:** Monday, August 18, 2014 10:22 AM

To: Zabaneh, Mahfouz Cc: Provins, James R Subject: RE: 3rd three

Attachments: SWMU-HWMU-AOC Picture Checklist.doc; RFA Picture Checklist.xls; List of Pictures.doc

Monte McCue Director of Plant Operations Evoqua Water Technologies LLC Tel (928) 669-5758 Ext 17

Fax: (928) 669-5775

monte.mccue@evoqua.com

----Original Message-----

From: Zabaneh, Mahfouz [mailto:Zabaneh.Mahfouz@epa.gov]

Sent: Monday, August 18, 2014 9:56 AM

To: McCue, Monte W Cc: Provins, James R Subject: Recall: 3rd three

Zabaneh, Mahfouz would like to recall the message, "3rd three".

From: Zabaneh, Mahfouz

Monday, August 18, 2014 9:25 AM McCue, Monte W Sent:

To: Provins, James R Cc:

3rd three Subject:

Attachments: IMG\_0088.jpg; IMG\_0089.jpg; IMG\_0090.jpg

Mike Zabaneh, P.E. Environmental Engineer/Project Manager **RCRA Permits Office Lands Division** US EPA Region 9 Mail Code LND-4-2 75 Hawthorne Street San Francisco, CA 94105

Email address: zabaneh.mahfouz@epa.gov

From: Zabaneh, Mahfouz

Monday, August 18, 2014 9:35 AM McCue, Monte W Sent:

To: Provins, James R Cc:

2nd three Subject:

IMG\_0085.jpg; IMG\_0086.jpg; IMG\_0087.jpg Attachments:

Mike Zabaneh, P.E. Environmental Engineer/Project Manager **RCRA Permits Office Lands Division** US EPA Region 9 Mail Code LND-4-2 75 Hawthorne Street San Francisco, CA 94105

Email address: zabaneh.mahfouz@epa.gov

From: Zabaneh, Mahfouz

**Sent:** Monday, August 18, 2014 9:29 AM

To: McCue, Monte W
Cc: Provins, James R

**Subject:** Questions about attached photos

Attachments: IMG\_0082.jpg; IMG\_0083.jpg; IMG\_0084.jpg

Hi Monte,

Can we talk before 10 am or between 1 pm and 2 pm? I have some questions about 9 photos. These are the  $1^{\rm st}$  three. Thanks,

Mike Zabaneh, P.E.
Environmental Engineer/Project Manager
RCRA Permits Office
Lands Division
US EPA Region 9
Mail Code LND-4-2
75 Hawthorne Street
San Francisco, CA 94105
Email address: zabaneh.mahfouz@epa.gov

415-972-3348

415-947-3530 (fax)

From: McCue, Monte W <monte.mccue@evoqua.com>

Sent: Wednesday, August 13, 2014 2:11 PM

To: Zabaneh, Mahfouz Cc: Provins, James R

Subject: Contingency Plan Modification

Attachments: Appendix XIII Contingency Plan Rev 3 08-2014.pdf

## **Monte McCue**

**Director of Plant Operations** 

## **Evoqua Water Technologies LLC**

Mailing: P.O. Box 3308

Physical: 2523 Mutahar Street

Parker, AZ 85344

Tel (928) 669-5758 Ext 17

Fax: (928) 669-5775

monte.mccue@evoqua.com

## www.evoqua.com

From: McCue, Monte W <monte.mccue@evoqua.com>

**Sent:** Tuesday, August 05, 2014 1:57 PM

To: Zabaneh, Mahfouz

Subject: RE: Corresponding Pictures with Table J-1 SWMUs 15, 16, 17, 18

Attachments: Section J - SWMU-HWMU-AOC Rev3~08-2014.pdf; Satellite.doc; SWMU #15 - SAA

WHN.jpg; SWMU #16 -SAA WHS.jpg; SWMU #17 - SAA CR.jpg; SWMU #18 SAA LAB.jpg;

SWMU #19 - SAA BH .jpg

#### Mike

The attachments contain 1) Rev 3, August 2014 of Section J which adds one more SAA; 2) Pictures of the 5 SAA's and 3) Description of the what is accumulated at each SAA.

Hopefully the email will not be too big.

## **Monte McCue**

**Director of Plant Operations** 

## **Evoqua Water Technologies LLC**

Tel (928) 669-5758 Ext 17 Fax: (928) 669-5775 monte.mccue@evoqua.com

From: Zabaneh, Mahfouz [mailto:Zabaneh.Mahfouz@epa.gov]

**Sent:** Monday, August 04, 2014 2:33 PM

To: McCue, Monte W

**Subject:** RE: Corresponding Pictures with Table J-1 SWMUs 15, 16, 17, 18

Hi Monte,

I need a paragraph for each to describe what goes in these for the RFA.

Table J-1 says "Various Debris". Please expound on that.

Thanks,

Mike Zabaneh, P.E.

Environmental Engineer/Project Manager

**RCRA Permits Office** 

**Lands Division** 

US EPA Region 9

Mail Code LND-4-2

75 Hawthorne Street

San Francisco, CA 94105

Email address: <u>zabaneh.mahfouz@epa.gov</u>

415-972-3348 415-947-3530 (fax)

From: Zabaneh, Mahfouz

Sent: Monday, August 04, 2014 2:03 PM

To: 'McCue, Monte W'

Subject: FW: Corresponding Pictures with Table J-1 SWMUs 15, 16, 17, 18

# 2<sup>nd</sup> try

Mike Zabaneh, P.E. Environmental Engineer/Project Manager **RCRA Permits Office Lands Division** US EPA Region 9 Mail Code LND-4-2 75 Hawthorne Street San Francisco, CA 94105 Email address: <u>zabaneh.mahfouz@epa.gov</u>

415-972-3348 415-947-3530 (fax)

From: Zabaneh, Mahfouz

Sent: Monday, August 04, 2014 1:03 PM

To: 'McCue, Monte W'

Subject: Corresponding Pictures with Table J-1 SWMUs 15, 16, 17, 18

Hi Monte,

As we discussed by phone, please correspond for me the pictures with SWMUs 15, 16, 17, 18 in Table J-1. Thanks,

Mike Zabaneh, P.E. Environmental Engineer/Project Manager **RCRA Permits Office Lands Division** US EPA Region 9 Mail Code LND-4-2 75 Hawthorne Street San Francisco, CA 94105

Email address: <a href="mailto:zabaneh.mahfouz@epa.gov">zabaneh.mahfouz@epa.gov</a>

From: Zabaneh, Mahfouz

**Sent:** Monday, August 04, 2014 2:08 PM

To: McCue, Monte W

**Subject:** FW: Corresponding Pictures with Table J-1 SWMUs 15, 16, 17, 18

Attachments: IMG\_0142.jpg; IMG\_0143.jpg

#### Email 2

Mike Zabaneh, P.E.

Environmental Engineer/Project Manager

**RCRA Permits Office** 

**Lands Division** 

US EPA Region 9

Mail Code LND-4-2

75 Hawthorne Street

San Francisco, CA 94105

Email address: zabaneh.mahfouz@epa.gov

415-972-3348 415-947-3530 (fax)

From: Zabaneh, Mahfouz

Sent: Monday, August 04, 2014 1:03 PM

To: 'McCue, Monte W'

Subject: Corresponding Pictures with Table J-1 SWMUs 15, 16, 17, 18

Hi Monte,

As we discussed by phone, please correspond for me the pictures with SWMUs 15, 16, 17, 18 in Table J-1.

Thanks,

Mike Zabaneh, P.E.

Environmental Engineer/Project Manager

**RCRA Permits Office** 

**Lands Division** 

US EPA Region 9

Mail Code LND-4-2

75 Hawthorne Street

San Francisco, CA 94105

Email address: zabaneh.mahfouz@epa.gov

415-972-3348

415-947-3530 (fax)

From: Zabaneh, Mahfouz

**Sent:** Monday, August 04, 2014 2:05 PM

To: McCue, Monte W

**Subject:** FW: Corresponding Pictures with Table J-1 SWMUs 15, 16, 17, 18

Attachments: IMG\_0139.jpg; IMG\_0140.jpg; IMG\_0141.jpg

## 2<sup>nd</sup> try

Mike Zabaneh, P.E.

Environmental Engineer/Project Manager

**RCRA Permits Office** 

**Lands Division** 

US EPA Region 9

Mail Code LND-4-2

75 Hawthorne Street

San Francisco, CA 94105

Email address: zabaneh.mahfouz@epa.gov

415-972-3348 415-947-3530 (fax)

From: Zabaneh, Mahfouz

Sent: Monday, August 04, 2014 1:03 PM

To: 'McCue, Monte W'

Subject: Corresponding Pictures with Table J-1 SWMUs 15, 16, 17, 18

Hi Monte,

As we discussed by phone, please correspond for me the pictures with SWMUs 15, 16, 17, 18 in Table J-1.

Thanks,

Mike Zabaneh, P.E.

Environmental Engineer/Project Manager

**RCRA Permits Office** 

**Lands Division** 

US EPA Region 9

Mail Code LND-4-2

75 Hawthorne Street

San Francisco, CA 94105

Email address: zabaneh.mahfouz@epa.gov

From: Zabaneh, Mahfouz

**Sent:** Monday, August 04, 2014 1:09 PM

To: McCue, Monte W

**Subject:** Corresponding Pictures with Table J-1 SWMUs 15, 16, 17, 18

Attachments: IMG\_0139.jpg; IMG\_0140.jpg; IMG\_0141.jpg; IMG\_0142.jpg; IMG\_0143.jpg

Hi Monte,

As we discussed by phone, please correspond for me the pictures with SWMUs 15, 16, 17, 18 in Table J-1.

Thanks,

Mike Zabaneh, P.E.

**Environmental Engineer/Project Manager** 

**RCRA Permits Office** 

**Lands Division** 

US EPA Region 9

Mail Code LND-4-2

75 Hawthorne Street

San Francisco, CA 94105

Email address: zabaneh.mahfouz@epa.gov

415-972-3348

415-947-3530 (fax)

From: McCue, Monte W <monte.mccue@evoqua.com>

**Sent:** Monday, July 21, 2014 2:50 PM

To: Zabaneh, Mahfouz

Cc: Provins, James R; Bailey, William N

**Subject:** Response to Comments Received from USEPA Region 9 (Letter Dated May 15, 2014) **Attachments:** Section L - Certification Rev2~07-2014.pdf; FINAL Evoqua Response - Request for

Information July 22 2014.pdf

## Mike

The attachment contains Evoqua Water Technologies' response to comments received from USEPA Region 9 in a letter dated May 15, 2014.

A hardcopy of the response to comments and a USB flash drive with the electronic versions of the modified sections, appendices and the table of contents will be delivered to your office Tuesday, July 22, 2014 via UPS.

The Evoqua Part B certification (Section L) - dated July 22, 2014 - arrived via email after the package had been picked up by UPS this afternoon. You can find it in the second attachment to this email.

Thanks for working with us on the submittal date extension.

Please let us know if you have any additional questions.

### Monte McCue

**Director of Plant Operations** 

## **Evoqua Water Technologies LLC**

Mailing: P.O. Box 3308

Physical: 2523 Mutahar Street

Parker, AZ 85344

Tel (928) 669-5758 Ext 17 Fax: (928) 669-5775 monte.mccue@evoqua.com

#### www.evoqua.com

From: McCue, Monte W <monte.mccue@evoqua.com>

Sent: Wednesday, July 09, 2014 1:47 PM

To: Zabaneh, Mahfouz
Cc: Provins, James R
Subject: Response to Comments

Attachments: Appendix XXI - Records Retention Requirements Rev2~07-2014.pdf

Mike

The attachment contains the revised Record Retention policy which includes the O&M manuals that will be maintained on site.

As discussed, this should address EPA Comment 5.

Thanks.

## **Monte McCue**

**Director of Plant Operations** 

# **Evoqua Water Technologies LLC**

monte.mccue@evoqua.com

From: Zabaneh, Mahfouz [mailto:Zabaneh.Mahfouz@epa.gov]

**Sent:** Wednesday, July 09, 2014 1:27 PM

**To:** McCue, Monte W **Cc:** Provins, James R

**Subject:** RE: Response to Comments

Got it. Thanks Monte.

Mike Zabaneh, P.E.

Environmental Engineer/Project Manager

**RCRA Permits Office** 

Lands Division

US EPA Region 9

Mail Code LND-4-2

75 Hawthorne Street

San Francisco, CA 94105

Email address: zabaneh.mahfouz@epa.gov

415-972-3348

415-947-3530 (fax)

From: McCue, Monte W [mailto:monte.mccue@evoqua.com]

**Sent:** Wednesday, July 09, 2014 1:24 PM

To: Zabaneh, Mahfouz

Cc: Provins, James R

**Subject:** Response to Comments

Mike

We will include these in our response to comments due on July 22, but wanted to get some of the items to you.

EPA Comment 1 - Attachment includes Evoqua certification for the Part B (operator only)

EPA Comment 11 - Revised Contingency Plan with updated agency agreements.

## Monte McCue

**Director of Plant Operations** 

## **Evoqua Water Technologies LLC**

Mailing: P.O. Box 3308

Physical: 2523 Mutahar Street

Parker, AZ 85344

Tel (928) 669-5758 Ext 17

Fax: (928) 669-5775

monte.mccue@evoqua.com

## www.evoqua.com

From: McCue, Monte W <monte.mccue@evoqua.com>

**Sent:** Wednesday, July 09, 2014 1:24 PM

To: Zabaneh, Mahfouz
Cc: Provins, James R
Subject: Response to Comments

Attachments: Final Appendix XIII Contingency Plan 05-2014.pdf; Evoqua Part B Cert.pdf

## Mike

We will include these in our response to comments due on July 22, but wanted to get some of the items to you.

EPA Comment 1 - Attachment includes Evoqua certification for the Part B (operator only)

EPA Comment 11 - Revised Contingency Plan with updated agency agreements.

## **Monte McCue**

**Director of Plant Operations** 

**Evoqua Water Technologies LLC** 

Mailing: P.O. Box 3308

Physical: 2523 Mutahar Street

Parker, AZ 85344

Tel (928) 669-5758 Ext 17 Fax: (928) 669-5775 monte.mccue@evogua.com

#### www.evoqua.com

From: Zabaneh, Mahfouz

**Sent:** Friday, June 27, 2014 2:06 PM

To: 'McCue, Monte W'
Cc: 'Provins, James R'

Subject: RE: Evoqua Request for Information dated 15 May 2014

Attachments: Evoqua Enclosure - Request for Information dated 15May2014.doc

Hi Monte,

Attached is the request for info in word document.

Best regards,

Mike Zabaneh, P.E.

Environmental Engineer/Project Manager

**RCRA Permits Office** 

**Lands Division** 

US EPA Region 9

Mail Code LND-4-2

75 Hawthorne Street

San Francisco, CA 94105

Email address: zabaneh.mahfouz@epa.gov

415-972-3348 415-947-3530 (fax)

From: McCue, Monte W [mailto:monte.mccue@evoqua.com]

**Sent:** Friday, June 27, 2014 11:58 AM

To: Zabaneh, Mahfouz

Subject: RE: Evoqua Request for Information dated 15 May 2014

Mike

Can I get this document in Word so we can use it for our replies?

## Monte McCue

**Director of Plant Operations** 

#### **Evoqua Water Technologies LLC**

monte.mccue@evoqua.com

From: Zabaneh, Mahfouz [mailto:Zabaneh.Mahfouz@epa.gov]

**Sent:** Thursday, May 15, 2014 9:27 AM

To: McCue, Monte W

Cc: Gross, Barbara; wilfred.nabahe@crit-nsn.gov; Terry.Dock@crit-nsn.gov; Provins, James R; Newton, Mimi

**Subject:** Evoqua Request for Information dated 15 May 2014

Hi Monte,

Attached is a pdf copy of the Request for Information cover letter and enclosure.

The official Request for Information is being sent by Certified Mail.

Please call me if you have any questions.

# Best regards,

Mike Zabaneh, P.E.
Environmental Engineer/Project Manager
RCRA Permits Office
Lands Division
US EPA Region 9
Mail Code LND-4-2
75 Hawthorne Street
San Francisco, CA 94105
Email address: <a href="mailto:zabaneh.mahfouz@epa.gov">zabaneh.mahfouz@epa.gov</a>

From: Zabaneh, Mahfouz

**Sent:** Thursday, May 15, 2014 9:27 AM

To: McCue, Monte W

**Cc:** Gross, Barbara; wilfred.nabahe@crit-nsn.gov; Terry.Dock@crit-nsn.gov; Provins, James R;

Newton, Mimi

**Subject:** Evoqua Request for Information dated 15 May 2014

Attachments: Cover Letter - Evoqua Reguest for Information - 15May 2014.pdf; Evoqua Enclosure -

Request for Information dated 15May2014.pdf

Hi Monte,

Attached is a pdf copy of the Request for Information cover letter and enclosure.

The official Request for Information is being sent by Certified Mail.

Please call me if you have any questions.

Best regards,

Mike Zabaneh, P.E.

Environmental Engineer/Project Manager

**RCRA Permits Office** 

**Lands Division** 

US EPA Region 9

Mail Code LND-4-2

75 Hawthorne Street

San Francisco, CA 94105

Email address: zabaneh.mahfouz@epa.gov

From: McCue, Monte W <monte.mccue@evoqua.com>

**Sent:** Tuesday, April 15, 2014 9:01 AM

To: Zabaneh, Mahfouz Cc: Provins, James R

Subject: RE: Picture of Hopper H-1 from inside the flappers

Attachments: H-1 Hopper.jpg

Mike

This is the best picture I could get through the grating looking down in the hopper.

#### **Monte McCue**

**Director of Plant Operations** 

## **Evoqua Water Technologies LLC**

monte.mccue@evoqua.com

From: Zabaneh, Mahfouz [mailto:Zabaneh.Mahfouz@epa.gov]

Sent: Wednesday, April 09, 2014 8:26 AM

To: McCue, Monte W

Subject: RE: Picture of Hopper H-1 from inside the flappers

I meant a picture looking into curtains and down on H-1 hopper (inside the enclosure).

Mike Zabaneh, P.E.

Environmental Engineer/Project Manager

**RCRA Facilities Management Office** 

US EPA Region 9 Mail Code WST-4 75 Hawthorne Street

San Francisco, CA 94105

Email address: zabaneh.mahfouz@epa.gov

415-972-3348 415-947-3530 (fax)

From: McCue, Monte W [mailto:monte.mccue@evoqua.com]

Sent: Wednesday, April 09, 2014 8:23 AM

To: Zabaneh, Mahfouz

Subject: RE: Picture of Hopper H-1 from inside the flappers

Are you wanting a picture standing inside the hopper looking out through the curtains? Not sure what "flappers" means.

#### Monte McCue

**Director of Plant Operations** 

# **Evoqua Water Technologies LLC**

monte.mccue@evoqua.com

From: Zabaneh, Mahfouz [mailto:Zabaneh.Mahfouz@epa.gov]

Sent: Tuesday, April 08, 2014 8:55 AM

To: McCue, Monte W

**Subject:** Picture of Hopper H-1 from inside the flappers

Hi Monte,

Can you please email me a picture of H-1 from inside the enclosure flappers?

Thanks,

Mike Zabaneh, P.E. Environmental Engineer/Project Manager RCRA Facilities Management Office US EPA Region 9 Mail Code WST-4 75 Hawthorne Street San Francisco, CA 94105 Email address: <a href="mailto:zabaneh.mahfouz@epa.gov">zabaneh.mahfouz@epa.gov</a>

From: Mccue, Monte W (WT) < Monte. Mccue@siemens.com>

**Sent:** Friday, February 14, 2014 12:21 PM

To: Zabaneh, Mahfouz

Attachments: AOC-1 - Spent Carbon Unloading and Transfer Area.jpg

<>

## **Monte McCue**

**Director of Plant Operations** 

## **Evoqua Water Technologies LLC**

Mailing: P.O. Box 3308

Physical: 2523 Mutahar Street

Parker, AZ 85344

Tel (928) 669-5758 Ext 17

Fax: (928) 669-5775

monte.mccue@siemens.com

## www.evoqua.com

From: Mccue, Monte W (WT) < Monte. Mccue@siemens.com>

**Sent:** Friday, February 14, 2014 12:21 PM

To: Zabaneh, Mahfouz

Attachments: AOC-1 - Spent Carbon Unloading and Transfer Area.jpg

<>

## **Monte McCue**

**Director of Plant Operations** 

## **Evoqua Water Technologies LLC**

Mailing: P.O. Box 3308

Physical: 2523 Mutahar Street

Parker, AZ 85344

Tel (928) 669-5758 Ext 17

Fax: (928) 669-5775

monte.mccue@siemens.com

## www.evoqua.com

From: Mccue, Monte W (WT) < Monte. Mccue@siemens.com>

Sent: Tuesday, February 11, 2014 10:09 AM

To: Zabaneh, Mahfouz Cc: Provins, Roy (WT) Subject: RFA Pictures

Attachments: SWMU-HWMU-AOC Picture Checklist.doc

## Mike

You should get a package tomorrow with a flash drive that contains the pictures for the RFA. There are 3 folders - SWMU (Table J-1), HWMU (Table J-2), and AOC (Table J-3). The pictures are numbered the same as they are in the Section J of the Part B application (see the tables in the attachment).

Let me know if you need any other pictures for your report.

<>

## **Monte McCue**

**Director of Plant Operations** 

## **Evoqua Water Technologies LLC**

Mailing: P.O. Box 3308

Physical: 2523 Mutahar Street

Parker, AZ 85344

Tel (928) 669-5758 Ext 17

Fax: (928) 669-5775

monte.mccue@siemens.com

#### www.evoqua.com

From: Mccue, Monte W (WT) < Monte. Mccue@siemens.com>

**Sent:** Friday, January 10, 2014 1:41 PM

To: Zabaneh, Mahfouz Cc: Provins, Roy (WT)

Subject: Status of Tanks Holding Recycle Water (T-9)
Attachments: Status of Tanks Holding Recycle Water.pdf

<<Status of Tanks Holding Recycle Water.pdf>>

Monte McCue

**Director of Plant Operations** 

Siemens Water Technologies, LLC

**Industry Sector** 

Mailing: P.O. Box 3308

Physical: 2523 Mutahar Street

Parker, AZ 85344

Phone: 928.669.5758 Ext 17

Fax: 928.669.5775

Email: monte.mccue@siemens.com

www.siemens.com/water

From: Mccue, Monte W (WT) < Monte. Mccue@siemens.com>

**Sent:** Friday, January 10, 2014 11:23 AM

To: Zabaneh, Mahfouz Subject: Flow Diagram

Attachments: Siemens - Flow Diagram with WWTP.pdf

<<Siemens - Flow Diagram with WWTP.pdf>>

Monte McCue

**Director of Plant Operations** 

Siemens Water Technologies, LLC

**Industry Sector** 

Mailing: P.O. Box 3308

Physical: 2523 Mutahar Street

Parker, AZ 85344

Phone: 928.669.5758 Ext 17

Fax: 928.669.5775

Email: monte.mccue@siemens.com

www.siemens.com/water

From: Mccue, Monte W (WT) < Monte. Mccue@siemens.com>

**Sent:** Monday, August 05, 2013 8:28 AM

To: Zabaneh, Mahfouz

Cc: James.R.Provins@siemens.com

**Subject:** Copy of Notification Being Sent EPA Regarding SII to SWT **Attachments:** EPA Letter Regarding Change from SII to SWT LLC.pdf

<<EPA Letter Regarding Change from SII to SWT LLC.pdf>>

Monte McCue

**Director of Plant Operations** 

Siemens Water Technologies, LLC

**Industry Sector** 

Mailing: P.O. Box 3308

Physical: 2523 Mutahar Street

Parker, AZ 85344

Phone: 928.669.5758 Ext 17

Fax: 928.669.5775

Email: monte.mccue@siemens.com

www.siemens.com/water

From: Mccue, Monte W (WT) < Monte. Mccue@siemens.com>

**Sent:** Friday, July 05, 2013 2:15 PM

To: Zabaneh, Mahfouz

Cc: James.R.Provins@siemens.com

Subject: FF Request

Attachments: WS-3 Carbon Changeout Log.pdf; WS-1 Carbon Changeout Log.pdf; WS-2 Carbon

Changeout Log.pdf; Appendix D - Engineering Calcs.pdf

<<WS-3 Carbon Changeout Log.pdf>> <<WS-1 Carbon Changeout Log.pdf>> <<WS-2 Carbon Changeout Log.pdf>> <<Appendix D - Engineering Calcs.pdf>>

Mike

Per your request I have attached the facility's carbon replacement logs for the last two years and the calculations that reflect the change out period as are required for FF (and therefore CC) compliance.

It is important to note the calculations make the assumption that there is 30 wt% (300,000 mg/kg) of benzene loading on the spent carbon. In reality, this assumption is almost impossible but it is used as a conservative figure for the engineering calculations. On average over the years, the **total volatile organics** on the spent carbon Parker has received is **less than 1 wt%**.

We have concluded over the last two years that the calculations are valid based on periodic testing of the carbon bed outlet right before change out. The Subpart FF regulations threshold is 500 ppm. The FID (Flame Ionization Detector) we use to measure the outlet of the absorbers measures **all volatile organics**, not just benzene. This adds an additional layer of conservatism for FF compliance and assures that all organics combined in the outlet stream are less than 500 ppm.

I will send you the Federal Register next week reflecting that EPA granted facilities the option of using FF regulations to comply with Subpart CC.

Thanks.

Monte McCue

**Director of Plant Operations** 

Siemens Water Technologies LLC

**Industry Sector** 

Mailing: P.O. Box 3308

Physical: 2523 Mutahar Street

Parker, AZ 85344

Phone: 928.669.5758 Ext 17

Fax: 928.669.5775

Email: monte.mccue@siemens.com

www.siemens.com/water

From: Zabaneh, Mahfouz

**Sent:** Monday, May 20, 2013 2:54 PM

**To:** 'Mccue, Monte W (WT)'; 'Provins, Roy (WT)' **Subject:** FW: NEW CRIT EPO Director - Wilfred Nabahe

Attachments: Formal Letter of Announcement- CRIT EPO New Director.PDF

Importance: High

Hi Monte and Roy,

Please see the attached letter from CRIT.

Not sure if you are aware of this or not, CRIT EPO has a new Director, Mr. Wilfred Nabahe.

Best regards,

Mike Zabaneh, P.E.

Environmental Engineer/Project Manager

RCRA Facilities Management Office

**US EPA Region 9** 

Mail Code WST-4

75 Hawthorne Street

San Francisco, CA 94105

Email address: zabaneh.mahfouz@epa.gov

415-972-3348

415-947-3530 (fax)

**From:** Josephina Rivera [mailto:josephina.rivera@critepo.com]

**Sent:** Monday, May 20, 2013 2:17 PM

To: Zabaneh, Mahfouz

Subject: FW: NEW CRIT EPO Director - Wilfred Nabahe

Importance: High

Good afternoon Mike,

May you please forward this letter to the Siemens Facility, so they know directly whom they will need to mail out the future Siemens mail to.

I appreciate your time and assistance. If you have any questions, please call me.

Thank you.

# Josephina Rivera

Administrative Assistant

 $CRIT\ Environmental\ Protection\ Office$ 

Office: (928) 662-4336 Fax: (928) 662-4337 From: Josephina Rivera

Sent: Wednesday, May 15, 2013 2:27 PM

To: 'Cornelius Antone'; Salire, Tess (Salire, Tess@epa.gov); 'elaine.wilson@itcaonline.com'; 'john.lewis@itcaonline.com'; 'gentrymedrano@fortmojave.com'; 'Marcos, Jose@DTSC'; 'Guerre, Christopher@DTSC'; 'Aaron Yue'; 'Weidlich, Stephen'; 'Tyler Walls'; 'Kurt Nolte'; 'AZDA-OPMListServer'; 'Robert Woodburn'; Lopez, Mariela (Lopez.Mariela@epa.gov); 'Robert Woodburn'; 'Elaina Doral'; 'Greg Little'; 'Tyler Walls'; ankrah.rodges@epa.gov; Blazej, Nova (Blazej.Nova@epa.gov); Baronas, Jean@Energy (Jean.Baronas@energy.ca.gov); Carol-EnviroMet (chawley@spill-kit.com); dadap.nathan@epamail.epa.gov; Vaughn, Douglas (douglas.vaughn@lmco.com); Fabiola Estrada (Estrada.Fabiola@epamail.epa.gov); garcia.jose@epa.gov; horowitz.arthur@epa.gov; Julia.Kane@ihs.gov; malinda.dumisani@calepa.ca.gov; mdespain@mechoopda-nsn.gov; Nancy Sockabasin (Sockabasin.Nancy@epamail.epa.gov); phoskins5@cox.net; Robert Woodburn (robert woodburn@mhfservices.com); rickench@msn.com; rwalker@azda.gov; sarah-jean.snyder@ihs.gov; senkayi.abu@epa.gov; Loretta Vanegas (Vanegas.Loretta@epamail.epa.gov); mdespain@mechoopda-nsn.gov; Nancy Sockabasin (Sockabasin.Nancy@epamail.epa.gov); Wilhite.Timothy@epamail.epa.gov; Zabaneh.Mahfouz@epamail.epa.gov

Subject: NEW CRIT EPO Director - Wilfred Nabahe

Importance: High

Good afternoon,

I am pleased to inform you that the Colorado River Indian Tribes Environmental Protection Office has a new Director as of May 13, 2013 by the name of Wilfred Nabahe (please see attachment).

I appreciate your time and assistance. If you have any questions, please call me.

Thank you.

# Josephina Rivera

Administrative Assistant Colorado River Indian Tribes Environmental Protection Office

Office: (928) 662-4336 Fax: (928) 662-4337